Please amend claim 2 as follows:

2. (amended) The recombinant adenovirus of claim 1, wherein said adenovirus can achieve [CAR]coxsackievirus and adenovirus receptor-independent gene transfer.

In claim 6, line 1, please replace "5" with --1--.

In claim 7, line 1, please replace "5" with --1--.

Please amend claim 9 as follows:

9. (amended) The recombinant adenovirus of claim 1, wherein the adenoviral vector encoding said adenovirus further comprises a [therapeutic] herpes simplex virus-thymidine kinase gene.

In claim 11, line 4, please replace "10" with --9--.

Please amend claim 16 as follows:

16. (amended) A method of increasing the ability of an adenovirus to transduce [a] primary tumor cells, comprising the steps of:

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modifying the fiber gene [in the HI loop domain of the fiber knob] of said adenovirus by introducing a ligand into the HI loop domain of the fiber knob; and

transducing said primary tumor cells with said adenovirus, wherein said transduction results in enhanced gene transfer to said tumor cells.

In claim 18, line 1, please replace "17" with --16--.

In claim 19, line 1, please replace "17" with --16--.

Please amend claim 22 as follows:

22. (amended) The method of claim [21] 16, wherein said tumor cell is selected from the group consisting of [in vitro, in vivo and ex vivo.] cancer ascite samples and primary tumor explants.

Please cancel claims 5, 10, 17 and 21.